



Areas 1 and 2 Projects to Continue



Aerial view of Sauget and Cahokia. Area 1 and Area 2 remediation work to continue in this vicinity.

Protection Agency (USEPA) maintains oversight of the projects.

Update on Groundwater Migration and Control System at Site R (Area 2): Area 2 includes several former municipal and industrial landfills west of Route 3. Site R, which is adjacent to the Mississippi River just south of the old power plant, is a former industrial landfill.

Solutia Files Bankruptcy:

On December 17, 2003, Solutia and 14 of its U.S. subsidiaries filed voluntary petitions for reorganization under Chapter 11 of the U.S. Bankruptcy Code.

A Chapter 11 filing is a voluntary action taken by a company to protect its ongoing business from legal and financial claims while it continues operating its business without interruption. During a Chapter 11 proceeding, the company reorganizes financially and, at times, operationally.

Area 1 and Area 2

Remediation Work Continues:

Solutia and Pharmacia have agreed to continue the remediation work in Areas 1 and 2. The United States Environmental

Three groundwater wells have been pumping water at Site R since July 15, 2003. The wells remove groundwater under Site R and groundwater flowing from areas to the east of the site. The groundwater being pumped from the extraction wells is treated by the American Bottoms Regional Wastewater Treatment Facility to meet state water quality standards before it is discharged to the Mississippi River.

An underground barrier wall being constructed around Site R (see graphic on next page) is about 50% complete. The barrier wall will be 2,000 feet long on the river side of Site R and the arms of the "U" will extend approximately 750 feet to the east.

Creekside Commentary is a newsletter for residents of the Cahokia and Sauget area. Solutia's Krummrich Plant publishes this newsletter on a regular basis to inform residents of the progress on the Area 1 and Area 2 remediation projects. If you would like to schedule a presentation about the project for your community group, or if you have questions, concerns or comments, please contact Don Ridenhower at the Solutia Community Hotline number: (618) 910-2332. For more information about Solutia's Krummrich Plant or to view past issues of the Creekside Commentary, visit our website at www.solutia.com/krummrich.

SOLUTIA

Solutions for a better life.

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The wall itself sits on bed-rock, about 140 feet deep at this location. The completed wall will not be visible above ground.

The barrier wall will help keep river water from being pulled in by ground water pumping wells (see graphic below). In this way, the pumping wells will be more efficient in treating ground water from Site R.



Site R includes a former landfill. An underground barrier wall is being constructed to capture groundwater before it reaches the Mississippi River.

Review and Update on

Dead Creek Removal

Action: Approximately 8,000 truckloads of sediment were removed from the creek and placed in the containment cell near Judith Lane. Solutia completed the risk assessment for the Dead Creek area in the fall of 2003 and submitted a proposal to the USEPA to complete the removal action in the creek.

The USEPA is currently considering what additional work must be completed in

Dead Creek before the containment cell on Judith Lane can be closed and permanently capped.

Dead Creek Restoration:

When final sediment removal is complete, the creek restoration

plan will be implemented. The creek will be planted with low profile native grasses. We hope to involve local schools in the project through a variety of field and study projects.

Groundwater Investigations Work:

Investigations of the groundwater in the Sauget area is currently underway. This

includes parts of Area 1, Area 2 and the Solutia Krummrich Plant. Currently much of the groundwater from this area is being captured by the Site R groundwater pumps and is treated by American Bottoms.

The geology under the Krummrich Plant has been mapped using high technology geophysical tools. The next step in the investigation is to install additional groundwater sampling wells. You



Artist's rendering of the completed and capped containment cell near Judith Lane. Once USEPA gives approval, the cell will be permanently capped.

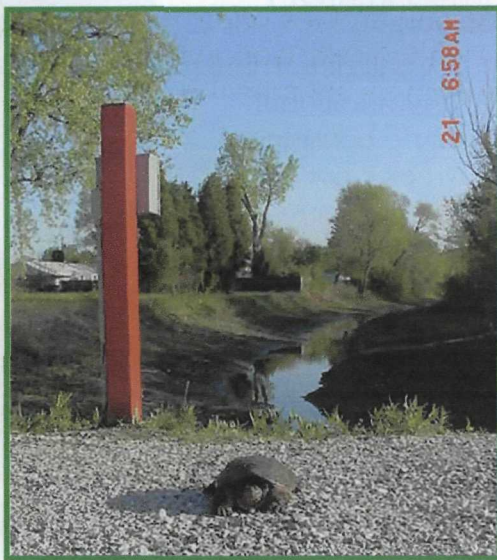
may see drilling equipment for the next several months inside the plant or on the west side of Route 3.

For more information or to view all past issues of the Creekside Commentary, visit the Krummrich Plant website at www.solutia.com/krummrich.



A representative sampling of the plants to be used during creek restoration.

Pumps Installed; Groundwater Project Begins



Turtle leaving creek to travel across Edgar Street. Red post in background is power pole for the pump in the creek.

Pumps Installed in Creek: Six pumps have been installed in the creek between Judith Lane and Parks College to aid in removing ponded water from the creek. The pumps pump water downstream through piping placed inside culverts under the roadway.

There is still a minor amount of water in the creek due to the uneven creek bed. Once gravel sumps are added to minimize filter clogging, Solutia will transfer operation and maintenance of the pumping system to the Village of Cahokia.



Groundwater Migration and Control System: Construction of the groundwater migration and control system approved by the United States Environmental Protection Agency (USEPA) has begun. The first stage of the project is construction of three groundwater pumping (extraction) wells at Site R. Site R is adjacent to the Mississippi River, just south of the old power plant, and includes the site of a former landfill.

The extraction wells will remove the groundwater coming from Site R and areas east and pump it off-site for treatment. American Bottoms Regional Wastewater Treatment Facility will treat the groundwater to meet state water quality standards before it is discharged to the river.



(Above) Workers dump gravel to create a sump around creek pumps. (Inset left) Fencing keeps debris from clogging creek pumps.

Creekside Commentary is a newsletter for residents of the Cahokia and Sauget area. Solutia's Krummrich Plant publishes this newsletter on a regular basis to inform residents of the progress on the Dead Creek remediation project. If you would like to schedule a presentation about the project for your community group, or if you have questions, concerns or comments, please contact Don Ridenhower at the Solutia Community Hotline Number: (618) 910-2332.

The present schedule requires that installation of the extraction wells and discharge pipeline be completed by the end of June. This will allow the groundwater extraction system to be started by mid-July 2003.

Remedial Investigation and Feasibility Study: As outlined in the last issue, the USEPA required additional studies in Areas 1 and 2 (pictured in map below). The Remedial Investigation and Feasibility Study determines what, if any, environmental issues exist and then possible solutions are identified.

Area 1 includes the Dead Creek area and related sites. Sampling in Borrow Pit Lake (west of Cargill Road) has been completed. Solutia has submitted the work plan for

additional investigation of groundwater in Area 1.

The USEPA will determine whether any additional work must be completed in Dead Creek prior to creek restoration and capping of the containment cell. It is expected that the additional work will include placement of a liner in the bottom of the creek between Queeny Avenue and Judith Lane, as well as additional soil removal in other sections of the creek. Closure of the containment cell on Judith Lane will begin once this additional work is complete.

Area 2 is west of Route 3 and includes several former municipal and industrial landfills. There are no residences within or adjacent to Area 2. Field work on the investigation is complete and analytical results have been sent to the

USEPA. Risk assessment work and the feasibility study on possible solutions will continue throughout 2003.

Creek Mitigation and Restoration Plan:

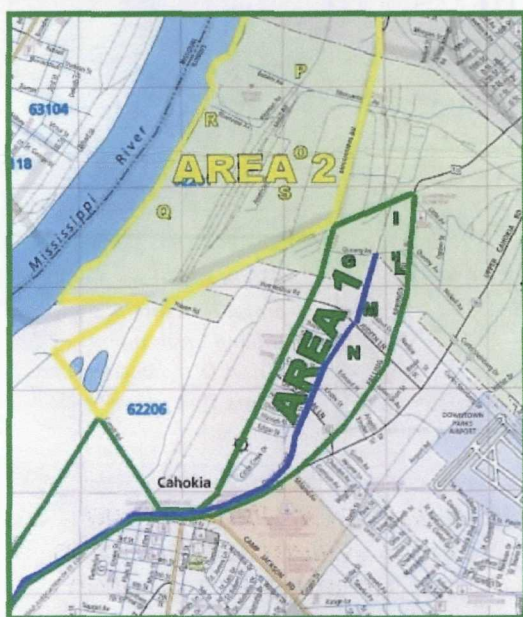
USEPA has approved Solutia's plan for mitigating and restoring Dead Creek. Work will begin as soon as the scope of any additional soil removal in Dead Creek is defined.



Examples of the types of grasses and flowers to be planted during creek restoration.

The goal is to restore the creek to its native prairie or savanna landscape and make it a natural greenway through Cahokia. A variety of native grass and flower seeds will be planted in the creek channel and along the banks. Solutia is exploring creative ways to implement the planting that might benefit the community. This might be a school project, a community "adoption" project, or other ideas from the community.

If you have ideas about how the community can participate in the greenway project, contact Don Ridenhower at (618) 910-2332.



Area 1 on the map above is the Dead Creek area and related sites. Area 2 includes several former municipal and industrial landfills.



Work Continues at Sauget Sites Area 1 and 2



Construction of the underground barrier wall at Site R.

Sauget Areas 1 and 2:

Solutia, and Monsanto on behalf of Pharmacia, continue the remediation work in Sauget Areas 1 and 2 under an interim protocol while Solutia reorganizes under Chapter 11 of the U. S. Bankruptcy Code. The companies are working cooperatively with the United States Environmental Protection Agency (USEPA) to assure the work is funded and continuing.

Update on Groundwater Migration and Control System at Site R (Area 2):

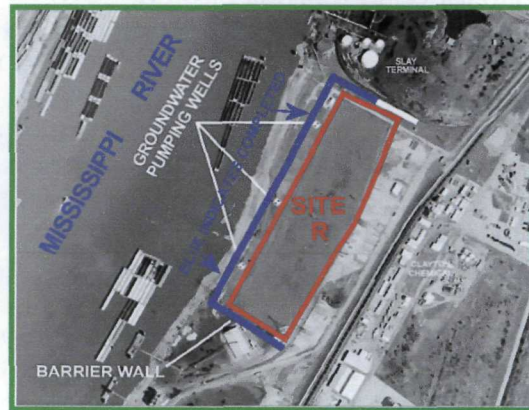
Area 2 includes several former municipal and industrial landfills west of Route 3. It includes Site R, a former industrial landfill, which is located adjacent to the Mississippi River just south of the old power plant.

Three groundwater wells were installed and have been pumping water at Site R since

July 15, 2003. The wells collect groundwater flowing under the site and from areas to the east of the site. This water is pumped to the American Bottoms Regional Wastewater Treatment Facility and treated to meet state water quality standards before being discharged to the Mississippi River. An underground barrier wall is being constructed on this site to help keep river water from being pulled into the pumps.

Excavation of the wall is nearly complete and backfilling should be finished by the end of October. The blue line on the graphic below depicts the completed portion of the 3,300 foot underground wall.

Inquip, the construction company, will then do final grading and cleanup of the site, and



Blue line indicates completed section of the underground barrier wall at Site R.

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Monsanto, on behalf of Pharmacia, publishes this newsletter to inform residents of the progress on the Area 1 and Area 2 remediation projects. If you would like to schedule a presentation about the project for your community group, or if you have questions, concerns or comments, please contact Don Ridenhower at the Community Hotline number: (618) 910-2332.

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demobilization of construction equipment. It is estimated the entire project will be completed in early January 2005.

Update on Dead Creek Removal Action: USEPA has requested additional work be performed in Dead Creek.

The additional work includes lining of Creek Sector B, the section from Queeny Avenue to Judith Lane. A 60 mm thick High Density Polyethylene (HDPE) liner will be placed in the creek bottom. It will be covered with crushed rock to hold the liner in place.

Limited additional excavation of creek soil is also planned. Excavation will take place in a small stretch of the creek north of Jerome Lane and just south of Cargill Road.

Once the soil has been excavated from the creek and placed in the containment cell, the cell will be permanently capped.

Groundwater Investigations Work: Investigations of the groundwater in the Sauget area continues. The geophysics study of Area 1 has been completed. Mapping of the bedrock by using the data from the study has also been completed.

The next step in this work includes drilling 18 ground-



Area 1 on the map above is the Dead Creek area and related sites. Area 2 includes several former municipal and industrial landfills.

water sampling wells in various industrial locations in Area 1.

The sampling is being conducted to determine if any non-aqueous phase liquids (NAPL), materials that do not dissolve in water, exist in the soils under and around the disposal areas.

There are two types of NAPL: Dense Non-Aqueous Phase Liquids (DNAPL) and Light Non-Aqueous Phase Liquids (LNAPL).

DNAPL (dense) is heavier than the groundwater and would be found in the soils under the waste disposal areas and on top of the bedrock. LNAPL (light) float on top of the groundwa-

ter and are found at shallower depths below the ground surface. The investigations are taking place to determine if these substances are present, and if so, in what quantities and where. There are no residential or commercial wells in this area.

Don Ridenhower, formerly of Solutia, has started a business called Environmental Health & Safety Solutions, Inc.

Don continues his outreach role in the community for Monsanto on behalf of Pharmacia in Sauget Areas 1 and 2. The community hotline is still operational and Don can be reached at that number: (618) 910-2332.



View of Dead Creek from Jerome Lane looking south (photo taken September 10th, 2004)